

Electronic Time Controls

FP975 7-day Programmer

TS975 7-day Timeswitch



Application

The Danfoss Randall FP975 7-day full programmer and TS975 7-day time switch offer all the control flexibility and user features of their counterparts in the regular Mk18 range (FP75 and TS75), but with two important differences.

1) These units are intended specifically to replace, or upgrade systems with, Danfoss Randall Mk.9 time controls. They have British Gas Standard wallplates used by many other models, including the Danfoss Randall SET range, the Horstmann 425 Diadem and Tiara, and their 525 and 527 models.

2) Both models have voltage-free output contacts, making them applicable to systems with low voltage control circuits, e.g. combination boilers or warm air.

Units are supplied with SET wallplates but, simply by re-positioning a small switch in the back, interchangeability is achieved with Mk.9 controls.

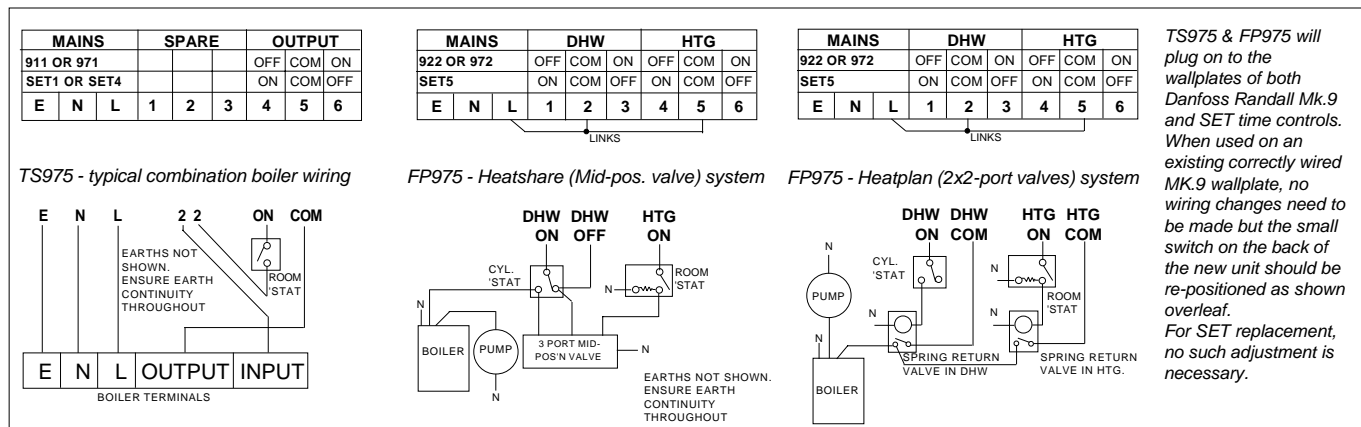
- British Gas Standard wallplate provides interchangeability with other popular time controls
- Total Control Flexibility
- Extra Simple Programming
- Stylish and Compact Design
- Simple Change to Weekday/Weekend Control
- Simple GMT/BST Time Change
- Day Programme Copy Facility
- AM/PM or 24 Hour Clock Display
- Up to 3 Ons/Offs each Day
- Built-in, Ready-to-Use Programmes
- Battery Back-up

Replace models
922 & 972
911 & 971

With
FP975
TS975

Both the FP975 and the TS975 are supplied as full 7-day controls, but the installer can easily and quickly convert them to weekday/weekend units if preferred.

Systems



Datasheet

FP975 and TS975 Time Controls

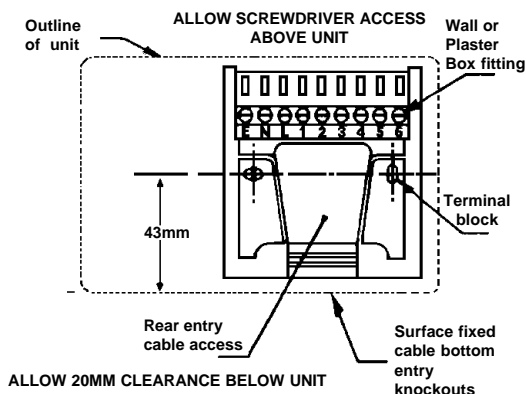
Specifications

Features	Timeswitch	Full Programmer
7-day OR Wkday/Wkend	TS975	FP975
Water/Heating linkable for basic systems		●
Output Channels	Single	Independent HW & CH
Programmes selectable	On Off Auto Allday	On Off Auto Allday (per channel)
Factory pre-set On/Off times	Weekday 6:30am ON 8:30am OFF 12:00noon ON 12:00noon OFF 5:00pm ON 10:30pm OFF	Sat/Sun 7:00am ON 10:00am OFF 12:00noon ON 12:00noon OFF 5:00pm ON 10:30pm OFF
All changeable		
Ons & Offs per day	Up to 3	
Advance over-ride	●	per channel
+ 1 hour over-ride	●	per channel
Voltage rating	220/240Vac 50Hz	
Contact rating	3(1)A	
Switching action	SPDT Voltage-free	2 x SPDT Voltage-free
Max. ambient temp.	45°C	
Memory back-up	Lithium - minimum of 24 hours	
Dimensions	150 wide x 99 high x 42 deep	

Wallplate and conversion

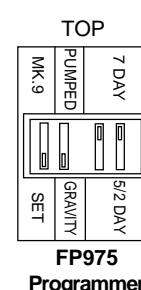
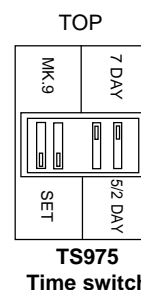
FP & TS975 time controls are supplied ex-factory as 7-day units.

Simply by re-positioning small switches as shown, they can become weekday/weekend controls. The same switch determines whether or not the FP975 is HW/CH linked for use with basic gravity heating systems.



SETTING OPERATING MODE

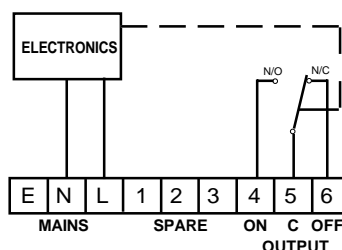
Four small switches on the rear of the case are used to set the operating mode.



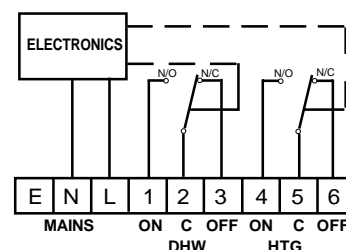
Internal Wiring

NB. Operating mode switch at factory setting, ie. for new installation or for direct replacement of SET range.

TS975 Time switch



FP975 Programmer



Danfoss Randall Limited,

Ampthill Road,
Bedford, MK42 9ER
Tel: 01234 364621 Fax: 01234 219705
Email: danfossrandall@danfoss.com
Website: www.danfoss-randall.co.uk